

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: November 18, 2004, 06:31:29 ; Search time 39 Seconds  
(without alignments)  
447.221 Million cell updates/sec

Title: US-10-047-264A-4  
Perfect score: 1432  
Sequence: 1 MNPKEFLGLISFLLTGVA.....YQPLDRSQRSEERCVRIP 263

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents\_AA:\*  
1: /cgn2\_6/ptodata/1/aaa/5A\_COMB.pep:\*  
2: /cgn2\_6/ptodata/1/aaa/5B\_COMB.pep:\*  
3: /cgn2\_6/ptodata/1/aaa/6A\_COMB.pep:\*  
4: /cgn2\_6/ptodata/1/aaa/6B\_COMB.pep:\*  
5: /cgn2\_6/ptodata/1/aaa/PTUS\_COMB.pep:\*  
6: /cgn2\_6/ptodata/1/aaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1427	99.7	262	4	US-09-964-994B-2
2	311	21.7	221	4	US-08-943-087-52
3	310	21.6	207	4	US-09-746-359A-65
4	310	21.6	214	4	US-09-746-359A-63
5	310	21.6	217	4	US-09-746-359A-55
6	310	21.6	221	2	US-08-943-087-50
7	310	21.6	221	2	US-08-943-087-56
8	310	21.6	221	4	US-09-746-359A-12
9	310	21.6	542	4	US-10-140-002-188
10	310	21.6	547	4	US-09-746-359A-54
11	310	21.6	553	2	US-08-943-087-2
12	310	21.6	553	2	US-08-943-087-14
13	310	21.6	553	2	US-08-943-087-16
14	310	21.6	553	2	US-08-943-087-18
15	310	21.6	553	2	US-08-943-087-20
16	310	21.6	553	2	US-08-943-087-22
17	310	21.6	553	2	US-08-943-087-24
18	310	21.6	553	2	US-08-943-087-26
19	310	21.6	553	2	US-08-943-087-28
20	310	21.6	553	2	US-08-943-087-30
21	310	21.6	553	2	US-08-943-087-32
22	310	21.6	553	2	US-08-943-087-34
23	310	21.6	553	2	US-08-943-087-36
24	310	21.6	553	2	US-08-943-087-38
25	310	21.6	553	2	US-08-943-087-40
26	310	21.6	553	2	US-08-943-087-42
27	310	21.6	553	2	US-08-943-087-44

28	310	21.6	553	2	US-08-943-087-46	Sequence 46, Appl
29	310	21.6	553	2	US-08-943-087-48	Sequence 48, Appl
30	310	21.6	553	4	US-09-746-359A-11	Sequence 11, Appl
31	310	21.6	553	4	US-09-861-779-2	Sequence 2, Appl
32	310	21.6	559	4	US-09-746-359A-62	Sequence 62, Appl
33	310	21.6	571	4	US-09-746-359A-53	Sequence 53, Appl
34	310	21.6	594	4	US-09-746-359A-23	Sequence 23, Appl
35	308	21.5	221	2	US-08-943-087-54	Sequence 54, Appl
36	303	21.2	221	2	US-08-943-087-58	Sequence 58, Appl
37	299	20.9	221	2	US-08-943-087-60	Sequence 60, Appl
38	276	19.3	217	4	US-09-746-359A-38	Sequence 38, Appl
39	276	19.3	214	4	US-09-746-359A-39	Sequence 39, Appl
40	276	19.3	546	4	US-09-746-359A-37	Sequence 37, Appl
41	240	16.8	574	2	US-08-906-713-2	Sequence 2, Appl
42	240	16.8	574	4	US-09-870-574-4	Sequence 4, Appl
43	211	14.7	150	4	US-09-746-359A-66	Sequence 66, Appl
44	164.5	11.5	575	1	US-08-424-788-2	Sequence 2, Appl
45	164.5	11.5	575	1	US-08-110-683-4	Sequence 4, Appl

ALIGNMENTS

RESULT 1  
US-09-964-994B-2  
Sequence 2, Application US/09964994B  
Patent No. 6740520  
GENERAL INFORMATION:  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: NOVEL POLYPEPTIDES HAVING SEQUENCE SIMILARITY TO CYTOKINE RECEPTORS AND NUCLEIC ACIDS ENCODING THE SAME  
FILE REFERENCE: P3121R1  
CURRENT APPLICATION NUMBER: US/09/964,994B  
CURRENT FILING DATE: 2001-09-26  
PRIOR APPLICATION NUMBER: PCT/US00/08439  
PRIOR FILING DATE: 2000-03-30  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: US 60/191,015  
PRIOR FILING DATE: 2000-03-21  
PRIOR APPLICATION NUMBER: US 09/941,992  
PRIOR FILING DATE: 2001-08-28  
NUMBER OF SEQ ID NOS: 7  
SEQ ID NO 2  
LENGTH: 262  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-964-994B-2

Query Match	99.7%;	Score 1427;	DB 4;	Length 262;
Best Local Similarity	100.0%;	Pred. No. 7.8e-156;	Mismatches 0;	Indels 0;
Matches 262;	Conservative			
QY	2	MPKHCFGLISFLLTGAGTOSTHESKPKQVQPSRNFHILQWQGRALTGNSVYF	61	
Db	1	MPKHCFGLISFLLTGAGTOSTHESKPKQVQPSRNFHILQWQGRALTGNSVYF	60	
QY	62	VOYKMFSCSKSHQKPSGQWQHISCNFPGCRTLAKYGQSKNKEDCWGTQELSCDLT	121	
Db	61	VOYKMFSCSKSHQKPSGQWQHISCNFPGCRTLAKYGQSKNKEDCWGTQELSCDLT	120	
QY	122	STSDIQEPYGRVRAAAGAGSYSEWSMTPRTPTWNETKIDPPVNNITQVNGSLVILHAP	181	
Db	121	STSDIQEPYGRVRAAAGAGSYSEWSMTPRTPTWNETKIDPPVNNITQVNGSLVILHAP	180	
QY	182	NLPYVQKEKNVSIEDYVELLYRVFIINNSLEKQKVEGAHRAVEALTPHSSYCVWA	241	
Db	181	NLPYVQKEKNVSIEDYVELLYRVFIINNSLEKQKVEGAHRAVEALTPHSSYCVWA	240	

QY 242 EIQPMLDRSQRSERCVEIP 263  
Db 241 EIQPMLDRSQRSERCVEIP 262

RESULT 2  
US-08-943-087-52  
; Sequence 52, Application US/08943087  
; Patent No. 5945511  
; GENERAL INFORMATION:  
; APPLICANT: Lok, Si  
; APPLICANT: Kho, Choon J.  
; APPLICANT: Jelmberg, Anna C.  
; APPLICANT: Adams, Robyn L.  
; APPLICANT: Whitmore, Theodore E.  
; APPLICANT: Farrah, Theresa M.  
; TITLE OF INVENTION: CYTOKINE RECEPTOR  
; NUMBER OF SEQUENCES: 60  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: ZymoGenetics, Inc.  
; STREET: 1201 Eastlake Avenue East  
; CITY: Seattle  
; STATE: WA  
; COUNTRY: USA  
; ZIP: 98102  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/943,087  
; FILING DATE:  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/803,305  
; FILING DATE: 20-FEB-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Lynn, Paul G  
; REGISTRATION NUMBER: 32,743  
; REFERENCE/DOCKET NUMBER: 96-24C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 206-442-6627  
; TELEFAX: 206-442-6678  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 52:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 221 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; FRAGMENT TYPE: internal  
US-08-943-087-52

Query Match 21.7%; Score 311; DB 2; Length 221;  
Best Local Similarity 32.0%; Pred. No. 2.4e-27;  
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

QY 30 KPRVQFQSNFNILQWPGFALTNSSVYFVQYKMFSCMSKSHQKPSGCGWHISCN 89  
Db 10 KPGNITFLSINMKVNLQWTPPEGLOGVKVYTVQYFI----- 46  
QY 90 FPGCRTLAKYQGRQWKNKEDCWGTQELSCDLTSETSDIQEPYGRVRAASAGSYSEWSMT 149  
Db 47 -----YGQKWLNKSECRNINRTYCDLSAETSDYEHQYAKVAIWTGCKSKWAE 97  
QY 150 PRFTPMWETKIDPPVMNITQVNGSLVLHAPNLPYRQKKNVSIEDYY-ELLYRVFII 208  
Db 98 GRFPFLETOIGPPEVGLTTDEKSIISVLTAPKWKRNPEDLFVSNMQQIYSNLKYNVSL 157  
QY 209 NNSLEKEQKVEGAHRAVEATEALTPHSSYCVVAEIQPMLDRSQRSERC 259

Db 158 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVPGPPRAQPSKQC 207

RESULT 3  
US-09-746-359A-65  
; Sequence 65, Application US/09746359A  
; Patent No. 6610286  
; GENERAL INFORMATION:  
; APPLICANT: Thompson, Penny  
; APPLICANT: Foster, Donald C.  
; APPLICANT: Xu, Wenfeng  
; APPLICANT: Madden, Karen L.  
; APPLICANT: Kelly, James D.  
; APPLICANT: Sprecher, Cindy A.  
; APPLICANT: Blumberg, Hal  
; APPLICANT: Eagan, Maribeth A.  
; APPLICANT: Jaspers, Stephen R.  
; APPLICANT: Chandrasekhar, Yasmin A.  
; APPLICANT: No. 6610286ak, Julia E.  
; TITLE OF INVENTION: Method for Treating Inflammation  
; FILE REFERENCE: 99-108  
; CURRENT APPLICATION NUMBER: US/09/746,359A  
; PRIOR FILING DATE: 2001-05-21  
; PRIOR FILING DATE: 1999-12-23  
; PRIOR FILING DATE: 60/213,341  
; PRIOR FILING DATE: 2000-06-22  
; NUMBER OF SEQ ID NOS: 72  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 65  
; LENGTH: 207  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-746-359A-65

Query Match 21.6%; Score 310; DB 4; Length 207;  
Best Local Similarity 32.0%; Pred. No. 2.8e-27;  
Matches 74; Conservative 33; Mismatches 90; Indels 34; Gaps 3;

QY 30 KPRVQFQSNFNILQWPGFALTNSSVYFVQYKMFSCMSKSHQKPSGCGWHISCN 89  
Db 3 KPNITFLSINMKVNLQWTPPEGLOGVKVYTVQYFI----- 39  
QY 90 FPGCRTLAKYQGRQWKNKEDCWGTQELSCDLTSETSDIQEPYGRVRAASAGSYSEWSMT 149  
Db 40 -----YGQKWLNKSECRNINRTYCDLSAETSDYEHQYAKVAIWTGCKSKWAE 90  
QY 150 PRFTPMWETKIDPPVMNITQVNGSLVLHAPNLPYRQKKNVSIEDYY-ELLYRVFII 208  
Db 91 GRFPFLETOIGPPEVGLTTDEKSIISVLTAPKWKRNPEDLFVSNMQQIYSNLKYNVSL 150  
QY 209 NNSLEKEQKVEGAHRAVEATEALTPHSSYCVVAEIQPMLDRSQRSERC 259  
Db 151 NTKSNRTWSQCVTNHTLV-LTWLEPNTLYCVHVESFVPGPPRAQPSKQC 200

RESULT 4  
US-09-746-359A-63  
; Sequence 63, Application US/09746359A  
; Patent No. 6610286  
; GENERAL INFORMATION:  
; APPLICANT: Thompson, Penny  
; APPLICANT: Foster, Donald C.  
; APPLICANT: Xu, Wenfeng  
; APPLICANT: Madden, Karen L.  
; APPLICANT: Kelly, James D.  
; APPLICANT: Sprecher, Cindy A.  
; APPLICANT: Blumberg, Hal  
; APPLICANT: Eagan, Maribeth A.  
; APPLICANT: Jaspers, Stephen R.  
; APPLICANT: Chandrasekhar, Yasmin A.  
; APPLICANT: No. 6610286ak, Julia E.  
; TITLE OF INVENTION: Method for Treating Inflammation